Serial No. 10/706,270

IN THE SPECIFICATION:

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~strikethrough~~.

Please REPLACE the paragraph beginning at page 1, line 12, with the following paragraph:

At one time, ~~in manufacturers specialized in the metal mold~~, artisans <u>specializing in manufacture of metal molds</u> were well aware of the know-how of metal mold machining from the beginning to the end thereof, and contrived a means in conformity with components to be machined, to make inexpensive and high-quality metal molds.

Please REPLACE the paragraph beginning at page 1, line 31, with the following paragraph:

As a result of unnoticed progress of the division of work and the partial optimization, a communication gap between persons in charge of the NC data generation and machining operators <u>existed, and a</u> wall against the improvement of technology and skill <u>was</u>~~are~~ formed.

Please REPLACE the paragraph beginning at page 2, line 28, with the following paragraph:

Moreover, a method for controlling a CAM system, comprises: obtaining a CAD model that is solid model data of a metal mold to be made and a measured work geometric model that is geometric model data of the work, which is obtained by measuring the work to be machined; generating a cutting margin model that is a difference ~~betweenthe~~ <u>between the</u> measured work geometric model and the CAD model; and generating NC data based on the generated cutting margin model.

Please REPLACE the paragraph beginning at page 8, line 14, with the following paragraph:

The tool ~~track~~ <u>path</u> display function 207 can also display the <u>path</u>~~stracks~~ of a plurality of tool models in different colors, simultaneously. Thus, it is possible for an operator to easily grasp how the difference of the tool form, which is caused by the abrasion or the like, influences to the working.

3

Serial No. 10/706,270

Please REPLACE the paragraph beginning at page 8, line 14, with the following paragraph:

The real time monitoring function 208 monitors the machining, which is carried by the NC apparatus 12 based on the NC data generated by the NC data generation function 207 206, in real time, and when a high load state is detected, it outputs an interrupt command to the NC apparatus 12 so as to decrease the load.

4